L Number	Hits	Search Text	DB	Time stamp
-	951	((DISPENSING OR DISPENSER) SAME (TRAP OR VOLUMETRIC)) AND (222/\$.CCLS. OR 134/\$.CCLS. OR 15/\$.CCLS.)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/02 10:41
-	110	((DISPENSING OR DISPENSER) SAME (TRAP OR VOLUMETRIC)) AND (222/\$.CCLS. OR 134/\$.CCLS.) AND (DETERGENT OR SOAP OR RINSE)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/02
-	67.		USPAT; US-PGPUB; EPO; JPO;	2004/06/02
	274	((DISPENSING OR DISPENSER) SAME (dosing or TRAP OR VOLUMETRIC)) AND (dishwasher or "washing machine")	DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/02
-	2403	((DISPENSING OR DISPENSER) SAME (dosing or TRAP OR VOLUMETRIC)) same (fluid or liquid)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/02
-	1539	((DISPENSING OR DISPENSER) near25 (dosing or TRAP OR VOLUMETRIC)) same (fluid or liquid)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/02
-	2443	((DISPENSING OR DISPENSER) near25 (dose or dosing or TRAP OR VOLUMETRIC)) near25 (soap or detergent or rinse or fluid or liquid)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/02 11:19
-	187	((DISPENSING OR DISPENSER) near25 (dose or dosing or TRAP OR VOLUMETRIC)) near25 (soap or detergent or rinse or fluid or liquid) and (dishwasher or "washing machine")	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/02
-	375	((DISPENSING OR DISPENSER) same (dose or dosing or TRAP OR VOLUMETRIC)) and (soap or detergent or rinse or fluid or liquid) and (dishwasher or "washing machine")	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/02 12:34
-	2156	((DISPENSING OR DISPENSER) same (dose or dosing or TRAP OR VOLUMETRIC)) and (soap or detergent or rinse or fluid or liquid) and (222/\$.ccls. or 134/\$.ccls. or 68/\$.ccls. or dishwasher or "washing machine")	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/02 12:34
-	1245	((DISPENSING OR DISPENSER) same (dose or dosing or TRAP OR VOLUMETRIC)) and (soap or detergent or rinse or fluid or liquid) and (222/\$.ccls. or 134/\$.ccls. or 68/\$.ccls. or dishwasher or "washing machine") and (plug or stopper or seal)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/02
-	219	((DISPENSING OR DISPENSER) same (dose or dosing or TRAP OR VOLUMETRIC)) and (soap or detergent or rinse or fluid or liquid) and (222/\$.ccls. or 134/\$.ccls. or 68/\$.ccls. or dishwasher or "washing machine") and (plug or stopper or seal)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/02 12:36
-	381	and (magnet or magnetic or solenoid) ((DISPENSING OR DISPENSER) same (dose or dosing or TRAP OR VOLUMETRIC)) and (soap or detergent or rinse or fluid or liquid) and (222/\$.ccls. or 134/\$.ccls. or 68/\$.ccls. or dishwasher or "washing machine") and (magnet or magnetic or	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/02 12:37
-	187	solenoid) ((DISPENSING OR DISPENSER) near25 (dose or dosing or TRAP OR VOLUMETRIC)) near25 (soap or detergent or rinse or fluid or liquid) and (dishwasher or "washing machine")	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/02 12:37

Γ-	349	((/DISDENSING OD DISDENSED) /d	110000	T / /
	349		USPAT;	2004/06/02
	1	dosing or TRAP OR VOLUMETRIC)) and (soap	US-PGPUB;	12:38
		or detergent or rinse or fluid or liquid)	EPO; JPO;	
i i		and (222/\$.ccls. or 134/\$.ccls. or	DERWENT	1
	1	68/\$.ccls. or dishwasher or "washing		1
	1	machine") and (magnet or magnetic or		
		solenoid)) not (((DISPENSING OR	i .	
		DISPENSER) near25 (dose or dosing or TRAP		}
	ł	OR VOLUMETRIC)) near25 (soap or detergent		
1		or rinse or fluid or liquid) and	1	
Í		(dishwasher or "washing machine"))		1
1-	1409	(((DISPENSING OR DISPENSER) same	USPAT;	2004/06/02
	1	(measuring or measure or volume or dose	US-PGPUB;	12:40
1		or dosing or TRAP OR VOLUMETRIC)) and	EPO; JPO;	12
		(soap or detergent or rinse or fluid or	DERWENT	1
		liquid) and (222/\$.ccls. or 134/\$.ccls.	DEIGNERI	f
1		or 68/\$.ccls. or dishwasher or "washing		
		machine") and (magnet or magnetic or	1	ĺ
		solenoid)) not (((DISPENSING OR		,
	1	DISPENSER) near25 (dose or dosing or TRAP		
	1	OR VOLUMETRICAL poar25 (coar or determine		l J
1	1	OR VOLUMETRIC)) near25 (soap or detergent or rinse or fluid or liquid) and	1	j l
1	1	(dishwasher or "washing machine"))	1	í I
1-	1409	(((DISPENSING OR DISPENSER) same		1
1	1709	(measuring or measure or relume	USPAT;	2004/06/02
i		(measuring or measure or volume or dose	US-PGPUB;	12:39
1	1	or dosing or TRAP OR VOLUMETRIC)) and	EPO; JPO;	ļ
1	1	(soap or detergent or rinse or fluid or	DERWENT	
i		liquid) and (222/\$.ccls. or 134/\$.ccls.		
		or 68/\$.ccls. or dishwasher or "washing	l	
1		machine") and (magnet or magnetic or		
1		solenoid) same (magnet or magnetic or		·
		solenoid)) not (((DISPENSING OR	ľ	1 1
		DISPENSER) near25 (dose or dosing or TRAP		
1.		OR VOLUMETRIC)) near25 (soap or detergent		•
		or rinse or fluid or liquid) and		1
		(dishwasher or "washing machine"))		
I -	796	(((DISPENSING OR DISPENSER) same	USPAT;	2004/06/02
i i		(measuring or measure or volume or dose	US-PGPUB;	12:45
		or dosing or TRAP OR VOLUMETRIC)) and	EPO; JPO;	1
		(soap or detergent or rinse or fluid or	DERWENT	
1 1		liquid) and (222/\$.ccls. or 134/\$.ccls.		
	i	or 68/\$.ccls. or dishwasher or "washing		
		machine") and (magnet or magnetic or		· •
1 1		solenoid) and (plug or stopper or seal))		
]		not (((DISPENSING OR DISPENSER) near25		
	ļ	(dose or dosing or TRAP OR VOLUMETRIC))		ł
		near25 (soap or detergent or rinse or	1	
1		fluid or liquid) and (dishwasher or		
	J	"washing machine"))		
-	967	(((DISPENSING OR DISPENSER) same (measure	USPAT;	2004/06/04
		or size or measuring or measure or volume	US-PGPUB;	07:04
		or dose or dosing or TRAP OR VOLUMETRIC))	EPO; JPO;	-
	-	and (soap or detergent or rinse or fluid	DERWENT	J
	l	or liquid) and (222/\$.ccls. or		i
1 1	l	134/\$.ccls. or 68/\$.ccls. or dishwasher	ļ	
1 1	ļ	or "washing machine") and (magnet or		
	ĺ	magnetic or solenoid) and (plug or		1
1	I	stopper or seal)) not (((DISPENSING OR	1	i
	I	DISPENSER) near25 (dose or dosing or TRAP		[
	- 1	OR VOLUMETRIC)) near25 (soap or detergent		1
}		or rinse or fluid or liquid) and	ļ	}
		(dishwasher or "washing machine"))	İ	
-	202	(dispenser or dispensing or dispense)	USPAT;	2004/06/04
; I		same ((first near15 (plunger or stopper	US-PGPUB;	08:24
		or plug or valve or seal)) and (second	EPO; JPO;	
	1	near15 (plunger or stopper or plug or	DERWENT	
į l		valve or seal))) same ((measured or		
1		measuring or measure or volume or dose or		1
	1	dosing or trap OR volimertic) near15		
	[(chamber or vessel)) same (fluid or		
		liquid or chemicals)		

	1 222	1.2		
-	202	same ((first near15 (plunger or stopper or plug or valve or seal)) and (second near15 (plunger or stopper or plug or	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/04
		valve or seal))) same ((measured or measuring or measure or volume or dose or dosing or trap OR volumertic or doser) near15 (chamber or vessel)) same (fluid or liquid or chemicals)		
~	205	(dispenser or dispensing or dispense) same ((first near15 (plunger or stopper or plug or valve or seal)) and (second near15 (plunger or stopper or plug or	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/04 08:25
		valve or seal)) same ((measured or measuring or measure or volume or dose or dosing or trap OR volumetric or doser) near15 (chamber or vessel)) same (fluid or liquid or chemicals)		
-	264	(dispenser or dispensing or dispense) same ((first near15 (plunger or stopper or plug or valve or seal)) and (second near15 (plunger or stopper or plug or	USOCR	2004/06/04 08:26
_	324	valve or seal))) same ((measured or measuring or measure or volume or dose or dosing or trap OR volumetric or doser) nearl5 (chamber or vessel)) (dispenser or dispensing or dispense)	, , , , , , , , , , , , , , , , , , ,	
	321	same ((first hear15 (plunger or stopper or plug or valve or seal)) and (second near15 (plunger or stopper or plug or valve or seal))) same ((measured or measuring or measure or volume or dose or dosing or trap OR volumetric or doser)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/04
_	389	near15 (chamber or vessel)) (dispenser or dispensing or dispense) same (ffirst near15 (plunger or stopper or plug or valve or seal)) and (second near15 (plunger or stopper or plug or valve or seal)) same ((measured or	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/05 12:58
_	308	measuring or measure or volume or dose or dosing or trap OR volumetric or doser) near15 (chamber or vessel or reservoir))		
	300	(dispenser or dispensing or dispense) same ((first nearl5 (plunger or stopper or plug or valve or seal)) and (second nearl5 (plunger or stopper or plug or valve or seal))) same ((measured or measuring or measure or volume or dose or dosing or trap OR volumetric or doser)	USOCR	2004/06/05 12:58
-	349	near15 (cavity or chamber or vessel or reservoir)) (dispenser or dispensing or dispense) same ((first near15 (plunger or stopper	USOCR	2004/06/05 13:00
		or plug or valve or seal)) and (second near15 (plunger or stopper or plug or valve or seal))) same ((meter or metered or measured or volume or dose or dosing or trap OR		
_		volumetric or doser) near15 (cavity or chamber or vessel or reservoir) (dispenser or dispensing or dispense) same ((first near15 (plunger or stopper or plug or valve or seal)) and (second near15 (plunger or stopper or plug or	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/05
	.	valve or seal))) same ((meter or metered or measured or measuring or measure or volume or dose or dosing or trap OR volumetric or doser) near15 (cavity or chamber or vessel or reservoir))		

Г.		308	I /diananaan an di anno 1			
		1	(dispenser or dispensing or dispense) same ((first near15 (plunger or stopper	USOCR	2004/06/05	
			or plug or valve or seal)) and (second		12:58	
		1.	near15 (plunger or stopper or plug or			
			valve or seal))) same ((measured or			
			measuring or measure or volume or dose or		}	
			dosing or trap OR volumetric or doser) near15 (cavity or chamber or vessel or	1 .		
			reservoir))			- 1
-	-	389	(dispenser or dispensing or dispense)	USPAT;	2004/06/05	ı
			same ((first near15 (plunger or stopper	US-PGPUB;	12:59	
			or plug or valve or seal)) and (second	EPO; JPO;		- [
-			near15 (plunger or stopper or plug or	DERWENT		
			valve or seal))) same ((measured or			- 1
		1	measuring or measure or volume or dose or dosing or trap OR volumetric or doser)	1		
			near15 (chamber or vessel or reservoir))			-
-	-	66	((dispenser or dispensing or dispense)	USPAT;	2004/06/05	ı
1		,	same ((first near15 (plunger or stopper	US-PGPUB;	13:00	ļ
]	or plug or valve or seal)) and (second	EPO; JPO;	1 .	1
1			near15 (plunger or stopper or plug or	DERWENT		-
			valve or seal))) same ((meter or metered or measured or measuring or measure or			-1
			volume or dose or dosing or trap OR	1		
-			volumetric or doser) near15 (cavity or	-		- 1
		Į.	chamber or vessel or reservoir))) not	ł		
1		[-	((dispenser or dispensing or dispense)			
			same ((first near15 (plunger or stopper		1	1
		1	or plug or valve or seal)) and (second near15 (plunger or stopper or plug or			1
ı			valve or seal))) same ((measured or			1
		l	measuring or measure or volume or dose or	ł		
1			dosing or trap OR volumetric or doser)			1
		ļ	near15 (chamber or vessel or reservoir))	Į.		
-		41	((dispenser or dispensing or dispense)	,,,,,,,,,	2004/25/25	ļ
		1	same ((first near15 (plunger or stopper	USOCR	2004/06/05	
			or plug or valve or seal)) and (second	i	14.07	1
			nearlo (plunger or stopper or plug or			1
		Į	valve or seal))) same ((meter or metered	•		
1			or measured or measuring or measure or volume or dose or dosing or trap OR			Į
			volumetric or doser) near15 (cavity or		ł	
1		İ	chamber or vessel or reservoir))) not			
]	((dispenser or dispensing or dispense)			1
			same ((first near15 (plunger or stopper)			
			or plug or valve or seal)) and (second			
		i	near15 (plunger or stopper or plug or valve or seal))) same ((measured or			
			measuring or measure or volume or dose or			
1			dosing or trap OR volumetric or doser)			
1			near15 (cavity or chamber or vessel or			
1:		714	reservoir)))	l		1
		''-	(dispenser or dispensing or dispense) near15 (detergent or "washing machine")	USOCR	2004/06/05	
-		23	(dispenser or dispensing or dispense)	USOCR	14:08	
1	.	ľ	nearls (detergent or "washing machine")	ODOCK.	2004/06/05 14:29	1
١.		410-	and magnet			
-		4197	(dispenser or dispensing or dispense)	USPAT;	2004/06/05	
1	.		near15 (detergent or "washing machine")	US-PGPUB;	14:30	1.
	l			EPO; JPO;		
-		0	(dispenser or dispensing or dispense)	DERWENT USPAT;	2004/06/05	
		i	near15 (detergent or "washing machine")	US-PGPUB;	14:30	1
ĺ			and magent .	EPO; JPO;		l
l _	ļ	0.1	(dispensor on dispension of	DERWENT		1
1	l	· · ·	(dispenser or dispensing or dispense) near15 (detergent or "washing machine")	USPAT;	2004/06/05	
	ļ		and magent	US-PGPUB; EPO; JPO;	14:30	
L.				DERWENT		
						I

- 6

-	0	(dispenser or dispensing or dispense)	USPAT;	2004/06/05	_
		nearl5 (detergent or "washing machine")	US-PGPUB;	14:30	
1		and magnent	EPO; JPO;		
_	131	144	DERWENT		i
	131	(dispenser or dispensing or dispense) near15 (detergent or "washing machine")	USPAT;	2004/06/05	
1		and magnet	US-PGPUB; EPO; JPO;	14:31	Į
			DERWENT	1	
] ~	2308	((F or dispensing or dispense)	USPAT;	2004/06/05	١
1		near15 (type or different or other or	US-PGPUB;	14:36	ľ
	ŀ	various or "any suitable")) and	EPO; JPO;		ı
]		(detergent or "washing machine" or 68/\$.ccls. or 8/\$.ccls.)	DERWENT		ļ
-	743	((dispenser or dispensing or dispense)	USPAT;	2004/06/05	1
	Ĭ	near15 (type or different or other or	US-PGPUB;	14:36	l
ļ		Various or "any suitable")) same	EPO; JPO;	1	I
	1	(detergent or "washing machine" or 68/\$.ccls. or 8/\$.ccls.)	DERWENT		ı
-	541	((dispenser or dispensing or dispense)	USPAT	2004/05/05	ı
İ		near15 (type or different or other or	USPAI	2004/06/05	ł
	Ì	various or "any suitable")) same (detergent or "washing machine" or	1	11.37	ı
		(detergent or "washing machine" or			l
-	464	68/\$.ccls. or 8/\$.ccls.) ((dispenser or dispensing or dispense)			İ
		near15 (type or other or various or "any	USPAT	2004/06/05 14:40	ı
1		suitable")) same (detergent or "washing"]	19.40	ł
	4205	machine" or 68/\$.ccls. or 8/\$.ccls.)	f		l
~	4395.		USPAT '	2004/06/05	ļ
	1	near15 (type or other or various or "any suitable")) same ((liquid or fluid	ł	14:41	l
		near15 detergent) or "washing machine" or			l
		68/\$.ccls. or 8/\$.ccls.)			ĺ
-	155	((dispenser or dispensing or dispense)	USPAT	2004/06/05	١.
		near15 (type or other or various or "any suitable")) same ("washing machine" or		15:39	ļ
-	1	68/\$.ccls. or 8/\$.ccls.)			ĺ
-	116	((dispenser or dispensing or dispense)	USOCR	2004/06/05	ı
		near15 (type or other or various or "any		16:38	ĺ
	1	suitable")) same ("washing machine" or 68/\$.ccls. or 8/\$.ccls.)	1		Ĺ
-	3	("3744683" or "4095722" or "5309955" or	USPAT;	2004/06/05	
		("3744683" or "4095722" or "5309955" or "4912681") and (detergent or soap or	US-PGPUB;	16:44	
		rinsed or softener)	EPO; JPO;	10.77	
1_	4	/ 11.27.4.4.60.2	DERWENT		
"	1 4	("3744683" or "4095722" or "5309955" or "4912681" or "5967366") and (detergent or	USPAT;	2004/06/05	
	1	soap or rinsed or softener)	US-PGPUB; EPO; JPO;	17:52	
ĺ	1 1		DERWENT		
-	0	("2806639" or 2361837" or 2852170") and	USOCR	2004/06/05	
1-		(detergent or soap or rinsed or softener)		17:54	
	"	("5178304") and (detergent or soap or rinsed or softener)	USPAT;	2004/06/05	
1			US-PGPUB; EPO; JPO;	16:57	
			DERWENT		
1-	4	"4912681" and (fluid or liquid or bleach	USPAT;	2004/06/05	
		or soap)	US-PGPUB;	17:31	
	1		EPO; JPO; DERWENT	[
1 -	11	("3744683" or "4095722" or "5309955" or	USPAT;	2004/06/05	
	1	"4912681" or "5967366") and (vented or	US-PGPUB;	17:53	
	1 1	vent or venting)	EPO; JPO;		
-	0	("2806639" or 2361837" or 2852170") and	DERWENT	2004/05/05	
	[]	(Vent or vented or venting)	USOCR	2004/06/05 18:04	
-	1	"2361837" and (magnetic or	USOCR	2004/06/05	
l _	1 1	rerromagnetic or magnet)	٠ أ	18:12	
	*	"2361837" and ("100" and "86")	USOCR	2004/06/05	
-	1	"2361837" and ("100" and "88")	USOCR	18:13 2004/06/05	
				18:14	
-	4	solenoid and ferromagnetic and 68/\$.ccls.	USPAT	2004/06/05	
				18:17	

-	0	armature and ferromagnetic and	USPAT	2004/06/05
-	11	c68/\$.ccls. armature and ferromagnetic and 68/\$.ccls.	USPAT	18:17 2004/06/05
-	2657	((core or armature) near55 ferromagnetic)	USOCR	18:20 2004/06/05
-	57	((core) near55 ferromagnetic) near25	USOCR	18:21 2004/06/05
-	228		USPAT	18:22 2004/06/05 20:54